

# BOEL-TRONIC<sup>®</sup>

## ELECTRONIC & LIGHTING SOLUTIONS



FICHA TECNICA / DATASHEET

### TIRA FLEXIBLE LED / FLEXIBLE LED STRIP

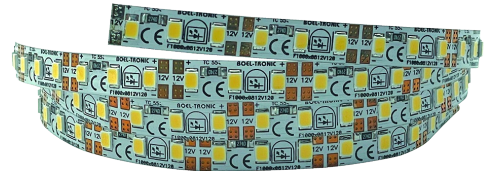
Made in Spain

Ref. **F2008K1012C**



Tira flexible IP20 con 120 leds/metro SMD2835  
PCB 8mm  
Uso diario máximo recomendado: 18h  
Vida útil: 30.000h\*

\*En función de la disipación del perfil, de las horas diarias trabajadas y de la temperatura externa ambiental de trabajo.




*IP20 flexible strip with 120 LEDs/meter SMD2835  
PCB 8mm*

*Recommended maximum daily use: 18h  
Lifespan: 30.000h\**

*\*Depending on the dissipation of the profile, the daily hours worked and the external ambient working temperature.*

• Potencia / Power (W)	<b>9.6W/M</b>
• Voltaje / Voltage (V)	<b>12Vdc/Vcc</b>
• Color / Colour (°K)	<b>± 3000K</b>
• Lúmenes/m (Lm/m)	<b>± 815</b>
• Smd Led	<b>2835</b>
• Cri / Ra	<b>≥ 90</b>
• Ángulo / Angle (>)	<b>120°</b>
• Protección / Protection (IP)	<b>IP20</b>
• LPM	<b>120</b>
• Medidas / Measures (MM)	<b>5000 x 8 x 2.2</b>
• Corte / Cut (MM)	<b>25</b>
• Ancho / Width PCB (MM)	<b>8</b>
• Temperatura trabajo / Working temperature	<b>-20°C / +40°C</b>
• Uso / Use	<b>Interior / Indoor</b>
• Regulable / Dimmable	<b>Si / Yes</b>
• Clasificación Energética / Energy Classification	<b>G</b>
• Embalaje / Packaging	<b>1pc</b>
• Garantía / Guarantee	<b>3 años / Years</b>
• EAN	<b>8436614470991</b>
• Fabricado en / Made in	<b>España / Spain</b>



**BOEL-TRONIC**  
F2008K1012C

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A

B

C

D

E


F

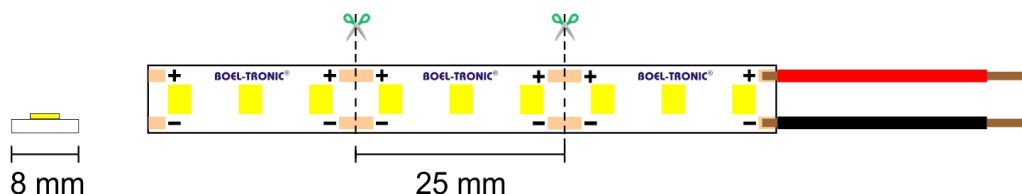
G

**G**

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**10**  
kWh/1000h


2019/2015



## TEST CONTROL

### Product Mark

Model:F2008K1012C

Temperature: 20°C

Tester: otecnica

Manufacture: 210923

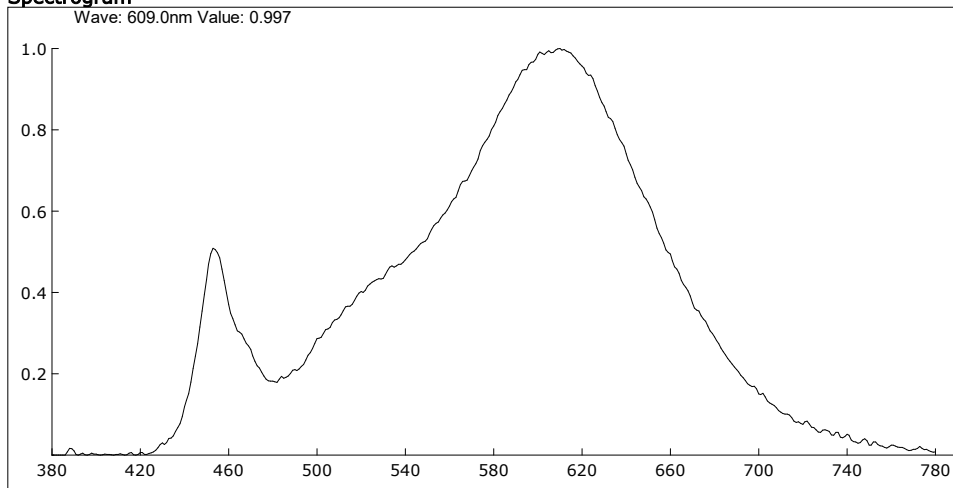
Humidity: 50%

Test Date: 2023-09-21,09:55:55

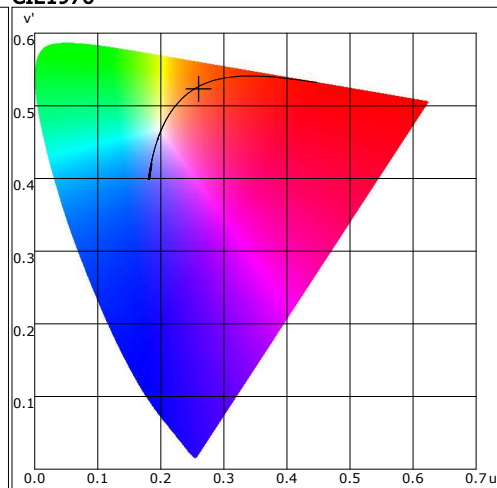
### Parameter

Name	Value	Name	Value	Name	Value	Name	Value
E(lx)	105.43	Peak(nm)	609.9				
Candle E(fc)	9.80	Center(nm)	600.7				
CCT(K)	2765	Centroid(nm)	586.3				
Duv	-0.00205	Color Ratio(RGB)	25.0,73.4,1.6				
x,y	0.4513,0.4031	CIE1931 X	172.798				
u,v	0.2603,0.3488	CIE1931 Y	154.362				
u',v'	0.2603,0.5232	CIE1931 Z	55.762				
SDCM	7.00	Integral Time(ms)	603				
Ra	83.6	Peak Signal	44735				
Ee(mW/cm <sup>2</sup> )	0.327	Dark Signal	3293				
S/P	1.280	Compensate level	3031				
Dominant(nm)	584.60						
Purity(%)	56.5						
HalfWidth(nm)	115.6						

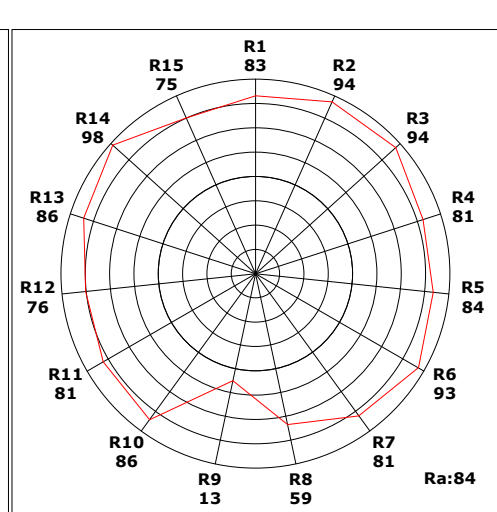
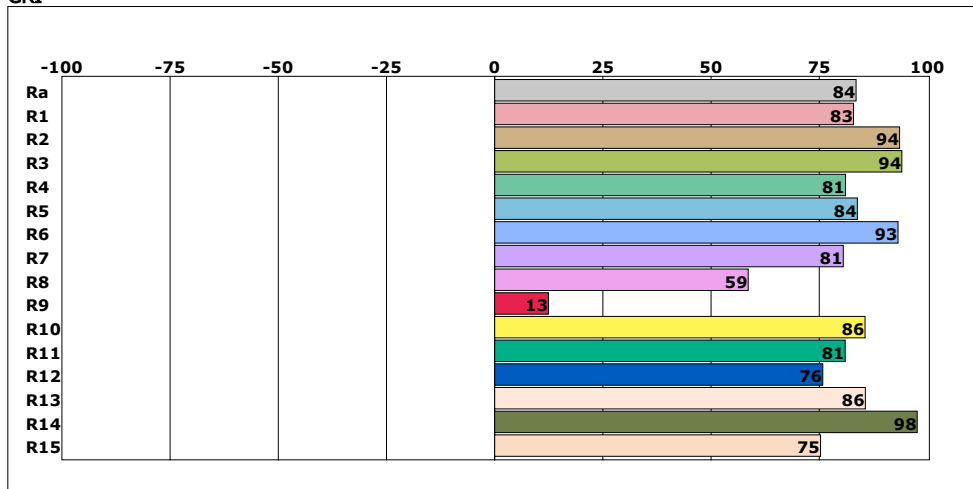
### Spectrogram



### CIE1976



### CRI



### Instrument Status

Type: OHSP-300

Integral Time: 603.300ms

SN: 202007134

VPeak: 44735

Scan Range: 380-780nm

VDark: 3293

Remark: